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APPROXIMATE FOREST AREA AND TIMBER VOLUME BY COUNTY IN THE CAROLINAS AND VIRGINIA

by

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A FOREST SURVEY PROGRESS REPORT

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PREFACE

Through the McSweeny-McNary Act of 1928, Congress authorized the Secretary of Agriculture to conduct a comprehensive survey of the forest resources of the United States. The Forest Survey was organized by the Forest Service to carry out the provisions of the Act, and each of the 11 Regional Forest Experiment Stations is responsible for the work in its territory. In the Middle Atlantic States the Forest Survey is an activity of the Appalachian Forest Experiment Station, Asheville, North Carolina.

The work of the Survey is divided into five major phases:

1. Inventory. Determination of the extent, location, and condition of forest lands, and the quantity, species, and quality of timber on these lands.

2. Growth. Determination of the current rate of timber growth.

3. Drain. Determination of the amount of industrial and domestic wood used, and the total loss resulting from fire, insects, disease, suppression, and other causes.

4. Requirements. Determination of the current and probable future requirements for forest products by all classes of consumers.

5. Policies and plans. Analysis of the relation of these findings to one another and to other economic factors as a basis for public and private policies and plans of forest land use and management.

This progress report presents information on one part of the inventory phase of the Forest Survey, and deals specifically with the forest area and timber volume by county in the Carolinas and Virginia.

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APPROXIMATE FOREST AREA AND TIMBER VOLUME BY COUNTY

IN THE

CAROLINAS AND VIRGINIA

This report, giving the approximate forest area and timber volume in each county of the Carolinas and Virginia, is based upon field surveys made as a part of the inventory phase of the Forest Survey at the Appalachian Forest Experiment Station. In the East the nation-wide Forest Survey did not plan to release information for areas smaller than survey units (four to ten million acres), but the demand for forest statistics by counties has shown a marked increase as planning for post-war development becomes more intense with the gradual approach of victory. To meet this demand the original Forest Survey statistics for survey units within states have been recomputed to provide estimates of forest area and timber volumes by counties, and are presented in this report as a series of three statistical tables for each state. The figures are as of the date of the original survey, and no attempt has been made to correct them for recent changes in forest area or annual timber growth and drain. In South Carolina the data are for 1936, in North Carolina for 1938, and in Virginia for 1940.

LIMITATIONS ON USE OF COUNTY DATA

The sampling procedure used on the inventory phase of the Forest Survey ($\frac{1}{4}$-acre plots at 10-chain intervals on lines 10 miles apart) was designed to give reliable estimates of forest area and timber volumes for survey units totaling several million acres in size. This extensive sample does not provide an adequate basis for accurate determinations of forest area and volume for individual counties, as some values will be too high and others too low. Therefore, the data given in the following tables should not be considered correct for individual counties, although tests have shown that the forest area estimates are within 10 percent of areas planimetered from aerial photographs in a high proportion of the counties checked.

The intended use of these tables is to provide a flexible method of obtaining approximate forest acreages and timber volumes in areas that differ, in size and location, from the established Forest Survey units. Such areas might include the wood procurement territories of pulp companies, the zone of influence of towns and cities, the freight territory along railroads, and land tributary to proposed new forest industries. For reliable estimates the combined acreage of the counties in the selected area should be not less than two million acres.

EXPLANATION OF TABLES

Tables of Area

South Carolina: County areas are according to the Bureau of the Census, 1935. According to area revisions published by the Bureau of the Census in 1942 the State contains 19,580,160 acres, an increase of 63,360 above the 1935 acreage.

The area of the coastal islands of Beaufort County is included in table 1. These islands, which contain about 91,200 acres with 27,400 forested, were not included in previously published Forest Survey reports.

North Carolina: County areas are according to the Bureau of the Census, 1935. According to area revisions published by the Bureau of the Census in 1942 the State contains 31,450,800 acres, an increase of 257,200 above the 1935 acreage.

The public-reserved land listed is only the forested portion of the Great Smoky Mountains National Park.

Virginia: County areas are according to the Bureau of the Census, 1940.

The public-reserved land consists of national parks, state parks, national monuments, and similar public areas on which commercial timber cutting is prohibited.

All States: Noncommercial forest land lacks the qualities essential for the growth of merchantable saw timber or pulpwood.

Commercial forest land includes both private and public lands, excluding public-reserved lands.

Tables of Volume

All States: Board-foot volumes include the net volume of all merchantable softwoods and cypress 9.0 inches d.b.h. and larger, and all merchantable hardwoods 13.0 inches d.b.h. and larger.

Volumes in cords include the net volume in all sound trees 5.0 inches d.b.h. and larger, including the saw-timber volume shown in board feet.

Cypress is included with hardwoods.

Chestnut is not included with the volume estimates.

The volume per average acre is the average stand on the total acreage of commercial forest land in the county.

Table 1. - Forest and nonforest area by county in South Carolina, 1936.

County	Total[1/] land area	Nonforest area	Forest area		
			Non-commercial	Commercial	Total
	Acres	Acres	Acres	Acres	Acres
Abbeville	326,400	172,600	-	153,800	153,800
Aiken	704,000	277,300	-	426,700	426,700
Allendale	278,400	113,300	-	165,100	165,100
Anderson	485,100	341,100	2,400	141,600	144,000
Bamberg	242,600	134,200	-	108,400	108,400
Barnwell	334,100	195,100	-	139,000	139,000
Beaufort	449,300	302,100	-	147,200	147,200
Berkeley	769,900	140,100	-	629,800	629,800
Calhoun	250,200	123,100	-	127,100	127,100
Charleston	590,700	335,800	3,200	251,700	254,900
Cherokee	240,000	167,000	-	73,000	73,000
Chester	378,900	215,300	-	163,600	163,600
Chesterfield	535,700	236,700	-	299,000	299,000
Clarendon	409,600	171,500	-	238,100	238,100
Colleton	718,100	212,600	-	505,500	505,500
Darlington	387,200	209,400	-	177,800	177,800
Dillon	301,400	134,600	-	166,800	166,800
Dorchester	392,300	87,700	-	304,600	304,600
Edgefield	331,500	139,200	-	192,300	192,300
Fairfield	451,800	157,500	-	294,300	294,300
Florence	476,200	238,700	-	237,500	237,500
Georgetown	529,900	133,400	-	396,500	396,500
Greenville	487,000	248,700	2,400	235,900	238,300
Greenwood	302,700	159,100	-	143,600	143,600
Hampton	328,300	121,800	-	206,500	206,500
Horry	741,100	182,700	4,800	553,600	558,400
Jasper	381,400	125,400	-	256,000	256,000
Kershaw	429,400	234,100	-	195,300	195,300
Lancaster	329,600	139,200	-	190,400	190,400
Laurens	441,600	239,700	-	201,900	201,900
Lee	261,800	160,600	-	101,200	101,200
Lexington	475,500	191,100	-	284,400	284,400
Marion	338,600	110,000	-	228,600	228,600
Marlboro	332,200	177,900	-	154,300	154,300
McCormick	246,400	97,500	-	148,900	148,900
Newberry	398,700	199,400	-	199,300	199,300
Oconee	416,000	150,500	4,700	260,800	265,500
Orangeburg	723,900	374,000	-	349,900	349,900
Pickens	338,600	142,600	800	195,200	196,000
Richland	489,600	188,600	800	300,200	301,000
Saluda	278,400	129,400	-	149,000	149,000
Spartanburg	489,600	342,800	3,200	143,600	146,800
Sumter	408,300	211,800	-	196,500	196,500
Union	314,900	157,600	1,600	155,700	157,300
Williamsburg	564,500	192,100	800	371,600	372,400
York	415,400	270,300	800	144,300	145,100
All counties	19,516,800	8,785,200	25,500	10,706,100	10,731,600

1/According to the Bureau of the Census, 1935.

Table 2. - Net board-foot volume[1/] by county in South Carolina, 1936.
(International 1/4-inch rule)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	Million bd. ft.	Million bd. ft.	Million bd. ft.	Bd. ft.	Bd. ft.	Bd. ft.
Abbeville	114.9	100.2	215.1	747	652	1,399
Aiken	515.9	150.8	666.7	1,209	353	1,562
Allendale	197.1	143.1	340.2	1,194	867	2,061
Anderson	126.7	91.6	218.3	895	647	1,542
Bamberg	103.8	131.0	234.8	958	1,208	2,166
Barnwell[2/]	209.9	138.0	347.9	1,510	993	2,503
Beaufort[2/]	393.8	139.1	532.9	3,287	1,161	4,448
Berkeley	1,449.4	757.9	2,207.3	2,301	1,204	3,505
Calhoun	231.0	181.4	412.4	1,818	1,427	3,245
Charleston	722.4	393.4	1,115.8	2,870	1,563	4,433
Cherokee	76.8	32.1	108.9	1,052	440	1,492
Chester	156.8	73.1	229.9	958	447	1,405
Chesterfield	324.8	178.4	503.2	1,086	597	1,683
Clarendon	371.6	319.6	691.2	1,561	1,342	2,903
Colleton	1,349.5	780.4	2,129.9	2,669	1,544	4,213
Darlington	378.7	198.9	577.6	2,130	1,119	3,249
Dillon	220.5	361.4	581.9	1,322	2,167	3,489
Dorchester	986.9	783.2	1,770.1	3,240	2,571	5,811
Edgefield	293.1	54.1	347.2	1,524	282	1,806
Fairfield	439.8	64.4	504.2	1,494	219	1,713
Florence	446.5	318.6	765.1	1,880	1,341	3,221
Georgetown	1,129.7	451.4	1,581.1	2,849	1,139	3,988
Greenville	270.0	170.7	440.7	1,144	724	1,868
Greenwood	208.8	108.8	317.6	1,454	758	2,212
Hampton	279.8	252.2	532.0	1,355	1,221	2,576
Horry	1,090.6	538.8	1,629.4	1,970	973	2,943
Jasper	277.6	427.6	705.2	1,085	1,670	2,755
Kershaw	328.0	78.4	406.4	1,680	401	2,081
Lancaster	255.4	77.4	332.8	1,341	407	1,748
Laurens	249.3	204.7	454.0	1,235	1,014	2,249
Lee	167.7	132.7	300.4	1,657	1,311	2,968
Lexington	491.0	71.8	562.8	1,726	253	1,979
Marion	210.1	359.9	570.0	919	1,574	2,493
Marlboro	207.5	345.1	552.6	1,345	2,236	3,581
McCormick	204.7	52.5	257.2	1,375	352	1,727
Newberry	316.1	73.8	389.9	1,586	370	1,956
Oconee	423.0	164.6	587.6	1,622	631	2,253
Orangeburg	727.0	447.6	1,174.6	2,078	1,279	3,357
Pickens	261.4	204.1	465.5	1,339	1,046	2,385
Richland	481.6	380.8	862.4	1,604	1,269	2,873
Saluda	234.9	42.0	276.9	1,576	282	1,858
Spartanburg	263.9	76.5	340.4	1,838	532	2,370
Sumter	259.6	558.8	818.4	1,321	2,844	4,165
Union	199.4	59.6	259.0	1,280	383	1,663
Williamsburg	735.4	924.2	1,659.6	1,979	2,487	4,466
York	141.8	77.3	219.1	982	536	1,518
All counties	18,524.2	11,672.0	30,196.2	1,735	1,093	2,828

1/Volume on commercial forest land.
2/The timber on the coastal islands of Beaufort County is not included.

Table 3. - Net volume[1/] in cords by county in South Carolina, 1936.
(All sound trees 5.0 inches d.b.h., including saw timber)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	M cords	M cords	M cords	Cords	Cords	Cords
Abbeville	694	559	1,253	4.5	3.6	8.1
Aiken	1,952	1,144	3,096	4.6	2.7	7.3
Allendale	654	1,019	1,673	3.9	6.2	10.1
Anderson	627	458	1,085	4.4	3.3	7.7
Bamberg	376	1,015	1,391	3.5	9.3	12.8
Barnwell	641	981	1,622	4.6	7.1	11.7
Beaufort[2/]	1,271	821	2,092	10.6	6.9	17.5
Berkeley	4,419	3,494	7,913	7.0	5.6	12.6
Calhoun	785	1,171	1,956	6.2	9.2	15.4
Charleston	2,043	1,994	4,037	8.1	7.9	16.0
Cherokee	384	243	627	5.3	3.3	8.6
Chester	864	401	1,265	5.3	2.4	7.7
Chesterfield	1,349	917	2,266	4.5	3.1	7.6
Clarendon	1,235	1,456	2,691	5.2	6.1	11.3
Colleton	4,455	4,964	9,419	8.8	9.8	18.6
Darlington	1,237	972	2,209	6.9	5.5	12.4
Dillon	679	1,585	2,264	4.1	9.5	13.6
Dorchester	3,077	421	3,498	10.1	1.4	11.5
Edgefield	1,372	389	1,761	7.2	2.0	9.2
Fairfield	2,197	518	2,715	7.5	1.7	9.2
Florence	1,412	1,384	2,796	6.0	5.8	11.8
Georgetown	3,612	2,295	5,907	9.1	5.8	14.9
Greenville	1,264	997	2,261	5.4	4.2	9.6
Greenwood	940	568	1,508	6.5	4.0	10.5
Hampton	1,008	1,530	2,538	4.9	7.4	12.3
Horry	3,625	3,025	6,650	6.5	5.5	12.0
Jasper	1,093	2,261	3,354	4.3	8.8	13.1
Kershaw	1,209	568	1,777	6.2	2.9	9.1
Lancaster	1,140	561	1,701	6.0	2.9	8.9
Laurens	1,120	949	2,069	5.5	4.7	10.2
Lee	524	621	1,145	5.2	6.1	11.3
Lexington	1,999	744	2,743	7.0	2.6	9.6
Marion	738	1,532	2,270	3.2	6.7	9.9
Marlboro	736	1,371	2,107	4.8	8.9	13.7
McCormick	989	369	1,358	6.6	2.5	9.1
Newberry	1,466	414	1,880	7.3	2.1	9.4
Oconee	1,499	1,044	2,543	5.8	4.0	9.8
Orangeburg	2,184	2,867	5,051	6.2	8.2	14.4
Pickens	1,005	1,042	2,047	5.2	5.3	10.5
Richland	1,903	1,537	3,440	6.4	5.1	11.5
Saluda	1,098	350	1,448	7.4	2.3	9.7
Spartanburg	1,154	467	1,621	8.0	3.3	11.3
Sumter	793	2,146	2,939	4.1	10.9	15.0
Union	988	386	1,374	6.3	2.5	8.8
Williamsburg	2,202	3,347	5,549	5.9	9.0	14.9
York	714	510	1,224	5.0	3.5	8.5
All counties	66,726	57,407	124,133	6.2	5.4	11.6

1/Volume on commercial forest land.
2/The timber on the coastal islands of Beaufort County is not included.

Table 4. - Forest and nonforest area by county in North Carolina, 1938.

County	Total land area	Nonforest area	Forest area			
			Public reserved	Noncommercial	Commercial	Total
	Acres	Acres	Acres	Acres	Acres	Acres
Alamance	314,900	173,700	-	2,500	138,700	141,200
Alexander	185,000	95,200	-	-	89,800	89,800
Alleghany	149,800	97,100	-	-	52,700	52,700
Anson	355,800	163,800	-	-	192,000	192,000
Ashe	273,300	177,600	-	-	95,700	95,700
Avery	152,300	52,900	-	-	99,400	99,400
Beaufort	537,600	167,300	-	-	370,300	370,300
Bertie	449,900	147,000	-	-	302,900	302,900
Bladen	624,600	107,800	-	2,400	514,400	516,800
Brunswick	505,600	78,400	-	3,300	423,900	427,200
Buncombe	436,500	147,800	-	1,600	287,100	288,700
Burke	341,800	88,200	-	800	252,800	253,600
Cabarrus	249,600	156,200	-	-	93,400	93,400
Caldwell	301,400	82,400	-	-	219,000	219,000
Camden	140,800	55,700	-	-	85,100	85,100
Carteret	366,700	93,700	-	-	273,000	273,000
Caswell	257,300	148,300	-	-	109,000	109,000
Catawba	261,100	154,100	-	-	107,000	107,000
Chatham	445,400	170,800	-	-	274,600	274,600
Cherokee	290,600	56,600	-	800	233,200	234,000
Chowan	105,600	62,300	-	-	43,300	43,300
Clay	140,800	28,700	-	-	112,100	112,100
Cleveland	317,400	211,600	-	-	105,800	105,800
Columbus	597,200	128,400	-	-	468,800	468,800
Craven	422,400	94,300	-	-	328,100	328,100
Cumberland	428,800	144,400	-	4,100	280,300	284,400
Currituck	186,900	102,100	-	-	84,800	84,800
Dare	241,300	75,000	-	-	166,300	166,300
Davidson	364,200	195,800	-	-	168,400	168,400
Davie	165,100	112,700	-	-	52,400	52,400
Duplin	505,600	171,400	-	800	333,400	334,200
Durham	199,700	75,600	-	-	124,100	124,100
Edgecombe	325,800	189,600	-	-	136,200	136,200
Forsyth	248,300	158,900	-	-	89,400	89,400
Franklin	299,500	159,500	-	-	140,000	140,000
Gaston	232,300	159,300	-	-	73,000	73,000
Gates	229,800	60,700	-	-	169,100	169,100
Graham	190,700	30,100	-	800	159,800	160,600
Granville	321,900	134,500	-	-	187,400	187,400
Greene	161,300	92,600	-	-	68,700	68,700
Guilford	442,200	250,900	-	-	191,300	191,300
Halifax	432,600	234,700	-	-	197,900	197,900
Harnett	376,300	144,100	-	-	232,200	232,200
Haywood	349,400	139,900	59,100	800	149,600	209,500
Henderson	229,100	92,800	-	800	135,500	136,300
Hertford	218,200	79,200	-	-	139,000	139,000
Hoke	266,900	88,000	-	-	178,900	178,900
Hyde	394,900	99,900	-	-	295,000	295,000
Iredell	376,300	241,400	-	-	134,900	134,900
Jackson	316,200	65,400	-	7,300	243,500	250,800

Table 4. - North Carolina (cont.)

County	Total land area	Nonforest area	Forest area			
			Public reserved	Noncommercial	Commercial	Total
	Acres	Acres	Acres	Acres	Acres	Acres
Johnston	516,500	280,000	-	-	236,500	236,500
Jones	266,900	66,400	-	-	200,500	200,500
Lee	167,000	62,700	-	-	104,300	104,300
Lenoir	249,600	120,900	-	-	128,700	128,700
Lincoln	191,400	127,600	-	-	63,800	63,800
Macon	328,300	62,800	-	17,200	248,300	265,500
Madison	279,000	139,900	-	-	139,100	139,100
Martin	280,300	106,200	-	-	174,100	174,100
McDowell	256,000	50,400	-	3,300	202,300	205,600
Mecklenburg	382,100	216,400	-	-	165,700	165,700
Mitchell	136,300	57,600	-	1,600	77,100	78,700
Montgomery	318,700	93,000	-	-	225,700	225,700
Moore	409,000	103,600	-	-	305,400	305,400
Nash	375,000	217,800	-	-	157,200	157,200
New Hanover	138,200	36,700	-	-	101,500	101,500
Northampton	322,600	160,000	-	-	162,600	162,600
Onslow	475,500	108,900	-	3,200	363,400	366,600
Orange	249,600	100,200	-	-	149,400	149,400
Pamlico	224,000	74,100	-	-	149,900	149,900
Pasquotank	142,700	77,900	-	-	64,800	64,800
Pender	521,600	120,600	-	-	401,000	401,000
Perquimans	161,300	68,200	-	-	93,100	93,100
Person	250,200	110,100	-	-	140,100	140,100
Pitt	401,300	215,700	-	-	185,600	185,600
Polk	160,600	68,700	-	-	91,900	91,900
Randolph	513,900	222,200	-	-	291,700	291,700
Richmond	333,400	105,700	-	-	227,700	227,700
Robeson	633,600	290,000	-	-	343,600	343,600
Rockingham	370,600	202,200	-	-	168,400	168,400
Rowan	313,000	231,000	-	-	82,000	82,000
Rutherford	348,200	173,400	-	1,600	173,200	174,800
Sampson	567,000	228,300	-	-	338,700	338,700
Scotland	223,400	99,100	-	-	124,300	124,300
Stanly	266,200	140,500	-	-	125,700	125,700
Stokes	307,200	155,900	-	-	151,300	151,300
Surry	332,800	159,500	-	-	173,300	173,300
Swain	353,900	48,300	168,100	1,600	135,900	305,600
Transylvania	242,600	35,600	-	5,700	201,300	207,000
Tyrrell	249,600	28,000	-	-	221,600	221,600
Union	361,600	250,100	-	-	111,500	111,500
Vance	178,600	107,500	-	-	71,100	71,100
Wake	527,400	239,000	-	-	288,400	288,400
Warren	272,000	123,500	-	-	148,500	148,500
Washington	209,300	56,800	-	-	152,500	152,500
Watauga	193,900	98,900	-	4,200	90,800	95,000
Wayne	365,500	197,400	-	-	168,100	168,100
Wilkes	470,400	160,800	-	6,500	303,100	309,600
Wilson	238,700	145,600	-	-	93,100	93,100
Yadkin	199,700	124,500	-	-	75,200	75,200
Yancey	190,700	85,200	-	-	105,500	105,500
All counties	31,193,600	12,793,800	227,200	70,900	18,101,700	18,399,800

Table 5. - Net board-foot volume[1/] by county in North Carolina, 1938.
(International 1/4-inch rule)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	Million bd. ft.	Million bd. ft.	Million bd. ft.	Bd. ft.	Bd. ft.	Bd. ft.
Alamance	169.7	128.3	298.0	1,224	925	2,149
Alexander	108.9	31.9	140.8	1,213	355	1,568
Alleghany	7.8	25.9	33.7	148	491	639
Anson	281.6	79.4	361.0	1,466	414	1,880
Ashe	7.9	84.3	92.2	82	881	963
Avery	43.5	42.2	85.7	438	424	862
Beaufort	706.0	278.4	984.4	1,906	752	2,658
Bertie	1,100.8	602.1	1,702.9	3,634	1,988	5,622
Bladen	651.3	482.9	1,134.2	1,266	939	2,205
Brunswick	495.0	158.1	653.1	1,168	373	1,541
Buncombe	324.0	396.0	720.0	1,129	1,379	2,508
Burke	365.6	142.5	508.1	1,446	564	2,010
Cabarrus	145.2	58.4	203.6	1,555	625	2,180
Caldwell	253.9	146.5	400.4	1,159	669	1,828
Camden	340.5	105.5	446.0	4,001	1,240	5,241
Carteret	439.8	77.4	517.2	1,611	284	1,895
Caswell	170.9	68.6	239.5	1,568	629	2,197
Catawba	228.7	73.4	302.1	2,137	686	2,823
Chatham	355.7	200.6	556.3	1,295	731	2,026
Cherokee	117.6	145.3	262.9	504	623	1,127
Chowan	140.8	50.2	191.0	3,252	1,159	4,411
Clay	51.4	101.6	153.0	459	906	1,365
Cleveland	219.3	60.3	279.6	2,073	570	2,643
Columbus	763.2	435.9	1,199.1	1,628	930	2,558
Craven	428.5	251.8	680.3	1,306	767	2,073
Cumberland	357.9	153.5	511.4	1,277	547	1,824
Currituck	200.0	99.5	299.5	2,359	1,173	3,532
Dare	176.8	38.7	215.5	1,063	233	1,296
Davidson	251.1	109.3	360.4	1,491	649	2,140
Davie	51.8	65.0	116.8	989	1,240	2,229
Duplin	502.1	302.6	804.7	1,506	908	2,414
Durham	293.5	125.3	418.8	2,365	1,010	3,375
Edgecombe	371.3	232.7	604.0	2,726	1,709	4,435
Forsyth	145.3	72.2	217.5	1,625	808	2,433
Franklin	286.3	113.1	399.4	2,045	808	2,853
Gaston	101.6	56.9	158.5	1,392	779	2,171
Gates	774.8	340.2	1,115.0	4,582	2,012	6,594
Graham	88.6	137.8	226.4	555	862	1,417
Granville	334.8	129.7	464.5	1,787	692	2,479
Greene	212.6	132.5	345.1	3,094	1,929	5,023
Guilford	272.1	197.7	469.8	1,422	1,034	2,456
Halifax	444.8	290.5	735.3	2,248	1,468	3,716
Harnett	347.2	112.4	459.6	1,495	484	1,979
Haywood	54.9	146.5	201.4	367	979	1,346
Henderson	36.2	106.5	142.7	267	786	1,053
Hertford	524.9	301.8	826.7	3,776	2,171	5,947
Hoke	216.0	55.2	271.2	1,207	309	1,516
Hyde	318.6	85.7	404.3	1,080	291	1,371
Iredell	187.8	87.8	275.6	1,392	651	2,043
Jackson	92.1	301.5	393.6	378	1,238	1,616
Johnston	520.8	342.5	863.3	2,202	1,448	3,650

Table 5. - North Carolina (cont.)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	Million bd. ft.	Million bd. ft.	Million bd. ft.	Bd. ft.	Bd. ft.	Bd. ft.
Jones	327.2	119.4	446.6	1,632	595	2,227
Lee	205.2	32.1	237.3	1,967	308	2,275
Lenoir	265.3	126.6	391.9	2,061	984	3,045
Lincoln	141.1	43.9	185.0	2,212	688	2,900
Macon	44.4	290.9	335.3	179	1,171	1,350
Madison	65.4	179.0	244.4	470	1,287	1,757
Martin	425.6	623.0	1,048.6	2,445	3,578	6,023
McDowell	154.2	122.9	277.1	762	608	1,370
Mecklenburg	252.2	145.1	397.3	1,522	876	2,398
Mitchell	10.7	53.6	64.3	139	695	834
Montgomery	266.2	71.4	337.6	1,180	316	1,496
Moore	239.7	78.1	317.8	785	256	1,041
Nash	384.6	150.5	535.1	2,447	957	3,404
New Hanover	123.0	7.5	130.5	1,212	74	1,286
Northampton	565.6	276.8	842.4	3,479	1,702	5,181
Onslow	509.3	258.9	768.2	1,401	713	2,114
Orange	313.1	110.1	423.2	2,096	737	2,833
Pamlico	221.1	61.8	282.9	1,475	412	1,887
Pasquotank	143.1	110.0	253.1	2,208	1,698	3,906
Pender	405.3	190.5	595.8	1,011	475	1,486
Perquimans	289.6	85.4	375.0	3,111	917	4,028
Person	224.5	128.3	352.8	1,602	916	2,518
Pitt	509.7	341.6	851.3	2,746	1,841	4,587
Polk	141.2	34.0	175.2	1,536	370	1,906
Randolph	219.2	140.1	359.3	752	480	1,232
Richmond	339.9	52.8	392.7	1,493	232	1,725
Robeson	592.2	318.9	911.1	1,724	928	2,652
Rockingham	182.6	126.2	308.8	1,084	750	1,834
Rowan	139.9	81.1	221.0	1,706	989	2,695
Rutherford	267.8	89.0	356.8	1,546	514	2,060
Sampson	674.1	198.1	872.2	1,990	585	2,575
Scotland	339.5	63.2	402.7	2,731	509	3,240
Stanly	212.8	44.9	257.7	1,693	357	2,050
Stokes	171.7	105.3	277.0	1,135	696	1,831
Surry	179.9	85.7	265.6	1,038	495	1,533
Swain	22.9	58.9	81.8	169	433	602
Transylvania	39.9	175.0	214.9	198	870	1,068
Tyrrell	384.6	166.5	551.1	1,736	751	2,487
Union	133.8	48.9	182.7	1,200	439	1,639
Vance	152.3	60.3	212.6	2,142	848	2,990
Wake	679.9	227.5	907.4	2,357	789	3,146
Warren	272.6	152.3	424.9	1,836	1,025	2,861
Washington	220.6	194.3	414.9	1,447	1,274	2,721
Watauga	40.8	115.4	156.2	449	1,271	1,720
Wayne	400.3	152.2	552.5	2,381	906	3,287
Wilkes	263.7	146.2	409.9	870	482	1,352
Wilson	346.9	112.5	459.4	3,726	1,208	4,934
Yadkin	118.6	57.9	176.5	1,577	770	2,347
Yancey	1.9	104.1	106.0	18	987	1,005
All counties	27,707.2	15,083.3	42,790.5	1,531	833	2,364

1/Volume on commercial forest land.

Table 6. - Net volume[1/] in cords by county in North Carolina, 1938.
(All sound trees 5.0 inches d.b.h., including saw timber)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	M cords	M cords	M cords	Cords	Cords	Cords
Alamance	762	757	1,519	5.5	5.5	11.0
Alexander	534	418	952	5.9	4.7	10.6
Alleghany	39	187	226	0.7	3.6	4.3
Anson	1,422	643	2,065	7.4	3.4	10.8
Ashe	34	522	556	0.3	5.5	5.8
Avery	139	318	457	1.4	3.2	4.6
Beaufort	2,468	1,638	4,106	6.7	4.4	11.1
Bertie	3,646	2,761	6,407	12.0	9.1	21.1
Bladen	2,406	2,421	4,827	4.7	4.7	9.4
Brunswick	1,979	955	2,934	4.7	2.2	6.9
Buncombe	1,293	1,941	3,234	4.5	6.8	11.3
Burke	1,578	995	2,573	6.3	3.9	10.2
Cabarrus	697	291	988	7.5	3.1	10.6
Caldwell	1,186	1,093	2,279	5.4	5.0	10.4
Camden	1,013	577	1,590	11.9	6.8	18.7
Carteret	1,581	455	2,036	5.8	1.7	7.5
Caswell	852	448	1,300	7.8	4.1	11.9
Catawba	1,002	384	1,386	9.4	3.6	13.0
Chatham	1,945	1,390	3,335	7.1	5.0	12.1
Cherokee	560	956	1,516	2.4	4.1	6.5
Chowan	452	325	777	10.4	7.5	17.9
Clay	168	568	736	1.5	5.1	6.6
Cleveland	989	440	1,429	9.3	4.2	13.5
Columbus	2,569	2,216	4,785	5.5	4.7	10.2
Craven	1,648	1,268	2,916	5.0	3.9	8.9
Cumberland	1,260	1,018	2,278	4.5	3.6	8.1
Currituck	713	526	1,239	8.4	6.2	14.6
Dare	696	331	1,027	4.2	2.0	6.2
Davidson	1,039	1,035	2,074	6.2	6.1	12.3
Davie	230	305	535	4.4	5.8	10.2
Duplin	1,763	1,435	3,198	5.3	4.3	9.6
Durham	1,335	656	1,991	10.7	5.3	16.0
Edgecombe	1,179	879	2,058	8.7	6.4	15.1
Forsyth	567	408	975	6.3	4.6	10.9
Franklin	1,204	659	1,863	8.6	4.7	13.3
Gaston	462	305	767	6.3	4.2	10.5
Gates	2,638	1,507	4,145	15.6	8.9	24.5
Graham	320	741	1,061	2.0	4.6	6.6
Granville	1,554	929	2,483	8.3	4.9	13.2
Greene	627	502	1,129	9.1	7.3	16.4
Guilford	1,090	1,254	2,344	5.7	6.6	12.3
Halifax	1,662	1,290	2,952	8.4	6.5	14.9
Harnett	1,294	819	2,113	5.6	3.5	9.1
Haywood	189	711	900	1.3	4.7	6.0
Henderson	175	733	908	1.3	5.4	6.7
Hertford	1,814	1,382	3,196	13.1	9.9	23.0
Hoke	833	385	1,218	4.7	2.1	6.8
Hyde	1,229	448	1,677	4.2	1.5	5.7
Iredell	940	560	1,500	7.0	4.1	11.1
Jackson	301	1,590	1,891	1.3	6.5	7.8
Johnston	1,781	1,677	3,458	7.5	7.1	14.6

Table 6. - North Carolina (cont.)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	M cords	M cords	M cords	Cords	Cords	Cords
Jones	1,226	623	1,849	6.1	3.1	9.2
Lee	961	257	1,218	9.2	2.5	11.7
Lenoir	869	593	1,462	6.8	4.6	11.4
Lincoln	581	333	914	9.1	5.2	14.3
Macon	164	1,489	1,653	0.7	6.0	6.7
Madison	251	857	1,108	1.8	6.2	8.0
Martin	1,442	2,477	3,919	8.3	14.2	22.5
McDowell	710	937	1,647	3.5	4.6	8.1
Mecklenburg	1,144	845	1,989	6.9	5.1	12.0
Mitchell	39	371	410	0.5	4.8	5.3
Montgomery	1,425	954	2,379	6.3	4.2	10.5
Moore	1,229	991	2,220	4.0	3.3	7.3
Nash	1,391	888	2,279	8.8	5.7	14.5
New Hanover	567	55	622	5.6	0.5	6.1
Northampton	2,040	1,276	3,316	12.5	7.9	20.4
Onslow	2,079	1,380	3,459	5.7	3.8	9.5
Orange	1,286	798	2,084	8.6	5.3	13.9
Pamlico	826	419	1,245	5.5	2.8	8.3
Pasquotank	466	441	907	7.2	6.8	14.0
Pender	1,550	1,085	2,635	3.9	2.7	6.6
Perquimans	944	483	1,427	10.1	5.2	15.3
Person	1,093	756	1,849	7.8	5.4	13.2
Pitt	1,728	1,283	3,011	9.3	6.9	16.2
Polk	688	254	942	7.5	2.8	10.3
Randolph	1,316	1,565	2,881	4.5	5.4	9.9
Richmond	1,372	528	1,900	6.0	2.3	8.3
Robeson	1,988	1,922	3,910	5.8	5.6	11.4
Rockingham	847	830	1,677	5.0	4.9	9.9
Rowan	571	446	1,017	7.0	5.4	12.4
Rutherford	1,102	727	1,829	6.4	4.2	10.6
Sampson	2,458	1,258	3,716	7.3	3.7	11.0
Scotland	1,044	354	1,398	8.4	2.8	11.2
Stanly	1,011	536	1,547	8.0	4.3	12.3
Stokes	793	798	1,591	5.2	5.3	10.5
Surry	945	805	1,750	5.5	4.6	10.1
Swain	116	424	540	0.9	3.1	4.0
Transylvania	145	1,164	1,309	0.7	5.8	6.5
Tyrrell	1,416	1,337	2,753	6.4	6.0	12.4
Union	692	442	1,134	6.2	4.0	10.2
Vance	578	368	946	8.1	5.2	13.3
Wake	2,761	1,464	4,225	9.6	5.1	14.7
Warren	1,208	875	2,083	8.1	5.9	14.0
Washington	762	1,200	1,962	5.0	7.9	12.9
Watauga	132	545	677	1.5	6.0	7.5
Wayne	1,294	810	2,104	7.7	4.8	12.5
Wilkes	1,299	1,332	2,631	4.3	4.4	8.7
Wilson	1,132	534	1,666	12.2	5.7	17.9
Yadkin	514	400	914	6.9	5.3	12.2
Yancey	13	694	707	0.1	6.6	6.7
All counties	108,070	87,250	195,320	6.0	4.8	10.8

1/Volume on commercial forest land.

Table 7. - Forest and nonforest area by county in Virginia, 1940.

County	Total land area	Nonforest area	Forest area			
			Public reserved	Noncommercial	Commercial	Total
	Acres	Acres	Acres	Acres	Acres	Acres
Accomac	300,800	213,900	-	-	86,900	86,900
Albemarle	476,800	196,400	13,800	-	266,600	280,400
Alleghany	289,300	42,300	2,100	25,800	219,100	247,000
Amelia	234,300	65,900	-	-	168,400	168,400
Amherst	298,900	103,300	100	-	195,500	195,600
Appomattox	219,500	69,400	600	-	149,500	150,100
Arlington [1]	-	-	-	-	-	-
Augusta	640,700	317,400	11,300	25,800	286,200	323,300
Bath	345,600	95,900	2,100	29,100	218,500	249,700
Bedford	495,400	262,600	-	-	232,800	232,800
Bland	236,200	74,800	-	800	160,600	161,400
Botetourt	351,400	113,200	-	13,700	224,500	238,200
Brunswick	370,600	123,600	-	-	247,000	247,000
Buchanan	325,100	74,100	-	-	251,000	251,000
Buckingham	368,600	84,900	-	-	283,700	283,700
Campbell	347,500	146,500	-	-	201,000	201,000
Caroline	348,200	103,200	-	-	245,000	245,000
Carroll	317,500	193,100	-	-	124,400	124,400
Charles City	117,800	30,800	-	-	87,000	87,000
Charlotte	299,500	115,400	-	-	184,100	184,100
Chesterfield	304,000	103,500	7,000	-	193,500	200,500
Clarke	111,400	88,300	-	-	23,100	23,100
Craig	215,000	42,500	-	4,000	168,500	172,500
Culpeper	249,000	140,900	-	-	108,100	108,100
Cumberland	184,300	57,400	-	-	126,900	126,900
Dickenson	214,400	54,100	-	-	160,300	160,300
Dinwiddie	328,300	94,900	100	-	233,300	233,400
Elizabeth City	36,500	17,800	-	-	18,700	18,700
Essex	160,000	74,700	-	-	85,300	85,300
Fairfax	286,700	107,100	300	-	179,300	179,600
Fauquier	422,400	275,900	-	-	146,500	146,500
Floyd	245,100	165,200	-	-	79,900	79,900
Fluvanna	180,500	48,400	-	-	132,100	132,100
Franklin	459,500	185,000	-	-	274,500	274,500
Frederick	279,000	143,400	-	6,500	129,100	135,600
Giles	227,800	107,600	-	3,300	116,900	120,200
Gloucester	144,000	57,500	-	-	86,500	86,500
Goochland	185,000	55,200	-	-	129,800	129,800
Grayson	288,600	191,200	-	800	96,600	97,400
Greene	97,900	51,800	13,900	-	32,200	46,100
Greensville	192,600	58,500	-	-	134,100	134,100
Halifax	517,100	260,600	-	-	256,500	256,500
Hanover	298,200	123,600	-	-	174,600	174,600
Henrico	167,700	66,900	-	-	100,800	100,800
Henry	252,200	98,600	-	-	153,600	153,600
Highland	266,200	91,000	-	18,600	156,600	175,200
Isle of Wight	205,400	78,400	-	-	127,000	127,000
James City	96,700	33,400	1,000	-	62,300	63,300
King and Queen	203,500	55,900	-	-	147,600	147,600
King George	113,900	62,200	-	-	51,700	51,700
King William	177,900	73,200	-	-	104,700	104,700

Table 7. - Virginia (cont.)

County	Total land area	Nonforest area	Forest area			
			Public reserved	Noncommercial	Commercial	Total
	Acres	Acres	Acres	Acres	Acres	Acres
Lancaster	90,900	33,800	-	-	57,100	57,100
Lee	277,800	153,200	-	800	123,800	124,600
Loudoun	330,900	232,900	-	-	98,000	98,000
Louisa	328,900	91,300	-	-	237,600	237,600
Lunenburg	283,500	83,100	-	-	200,400	200,400
Madison	209,300	98,100	32,600	-	78,600	111,200
Mathews	55,700	25,400	-	-	30,300	30,300
Mecklenburg	425,600	196,700	900	-	228,000	228,900
Middlesex	84,500	32,300	-	-	52,200	52,200
Montgomery	256,000	124,400	-	-	131,600	131,600
Nansemond	258,600	83,900	-	-	174,700	174,700
Nelson	299,500	102,900	-	-	196,600	196,600
New Kent	135,700	32,400	-	-	103,300	103,300
Norfolk	256,000	107,800	-	-	148,200	148,200
Northampton	144,600	90,700	-	-	53,900	53,900
Northumberland	128,000	51,400	-	-	76,600	76,600
Nottoway	197,100	64,900	-	-	132,200	132,200
Orange	226,500	97,500	300	-	128,700	129,000
Page	202,200	80,200	39,200	4,100	78,700	122,000
Patrick	300,200	113,900	4,700	-	181,600	186,300
Pittsylvania	657,900	301,600	-	-	356,300	356,300
Powhatan	171,500	31,800	-	-	139,700	139,700
Prince Edward	228,500	75,700	-	-	152,800	152,800
Prince George	186,200	65,600	1,100	-	119,500	120,600
Prince William	222,100	102,100	9,700	-	110,300	120,000
Princess Anne	170,900	105,500	3,200	-	62,200	65,400
Pulaski	213,100	102,800	-	-	110,300	110,300
Rappahannock	170,900	100,100	22,700	-	48,100	70,800
Richmond	122,900	46,700	-	-	76,200	76,200
Roanoke	193,900	74,700	-	-	119,200	119,200
Rockbridge	388,500	169,500	-	16,200	202,800	219,000
Rockingham	557,400	268,800	37,500	13,700	237,400	288,600
Russell	309,100	201,400	-	-	107,700	107,700
Scott	345,000	176,900	-	800	167,300	168,100
Shenandoah	324,500	154,000	-	12,900	157,600	170,500
Smyth	278,400	148,500	1,900	4,200	123,800	129,900
Southampton	388,500	125,200	-	-	263,300	263,300
Spotsylvania	265,600	61,000	1,600	-	203,000	204,600
Stafford	173,400	55,300	3,200	-	114,900	118,100
Surry	179,200	52,400	-	-	126,800	126,800
Sussex	317,400	75,600	-	-	241,800	241,800
Tazewell	334,100	164,700	-	1,700	167,700	169,400
Warren	140,200	75,100	12,900	800	51,400	65,100
Warwick	48,000	26,100	7,400	-	14,500	21,900
Washington	373,100	245,300	-	-	127,800	127,800
Westmoreland	151,000	66,300	1,100	-	83,600	84,700
Wise	265,000	60,300	-	-	204,700	204,700
Wythe	294,400	155,800	-	800	137,800	138,600
York	78,700	26,100	3,600	-	49,000	52,600
All counties	25,535,400	10,703,100	235,900	184,400	14,412,000	14,832,300

1/Included with Fairfax County.

Table 8. - Net board-foot volume[1/] by county in Virginia, 1940.
(International 1/4-inch rule)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	Million bd. ft.	Million bd. ft.	Million bd. ft.	Bd. ft.	Bd. ft.	Bd. ft.
Accomac	466.1	48.3	514.4	5,364	556	5,920
Albemarle	86.0	278.8	364.8	323	1,045	1,368
Alleghany	42.5	77.4	119.9	194	353	547
Amelia	119.0	139.7	258.7	707	829	1,536
Amherst	72.1	174.1	246.2	369	890	1,259
Appomattox[2/]	58.4	92.8	151.2	390	621	1,011
Arlington	-	-	-	-	-	-
Augusta	70.0	304.5	374.5	245	1,064	1,309
Bath	48.9	198.1	247.0	224	906	1,130
Bedford	97.9	190.0	287.9	421	816	1,237
Bland	106.4	143.4	249.8	662	893	1,555
Botetourt	65.5	153.5	219.0	292	684	976
Brunswick	373.1	137.3	510.4	1,510	556	2,066
Buchanan	25.5	355.4	380.9	102	1,416	1,518
Buckingham	137.8	129.8	267.6	486	457	943
Campbell	126.4	135.0	261.4	629	671	1,300
Caroline	282.4	198.4	480.8	1,152	810	1,962
Carroll	54.6	73.5	128.1	439	591	1,030
Charles City	108.5	83.6	192.1	1,247	961	2,208
Charlotte	94.2	146.5	240.7	511	796	1,307
Chesterfield	393.9	110.0	503.9	2,036	568	2,604
Clarke	4.5	22.1	26.6	195	957	1,152
Craig	38.8	86.2	125.0	230	512	742
Culpeper	33.4	96.4	129.8	309	892	1,201
Cumberland	64.5	58.5	123.0	508	461	969
Dickenson	35.4	231.7	267.1	221	1,445	1,666
Dinwiddie	381.8	156.3	538.1	1,636	670	2,306
Elizabeth City	39.8	10.7	50.5	2,129	572	2,701
Essex	102.9	93.8	196.7	1,206	1,100	2,306
Fairfax	70.6	197.3	267.9	394	1,100	1,494
Fauquier	26.0	120.7	146.7	177	824	1,001
Floyd	32.0	79.4	111.4	400	994	1,394
Fluvanna	64.2	46.8	111.0	486	354	840
Franklin	96.3	245.7	342.0	351	895	1,246
Frederick	21.8	37.4	59.2	169	290	459
Giles	34.9	65.8	100.7	298	563	861
Gloucester	167.7	116.0	283.7	1,939	1,341	3,280
Goochland	69.8	67.3	137.1	538	518	1,056
Grayson	35.4	66.2	101.6	367	685	1,052
Greene	5.9	37.3	43.2	183	1,159	1,342
Greensville	224.6	148.1	372.7	1,675	1,104	2,779
Halifax	263.8	195.1	458.9	1,028	761	1,789
Hanover	282.4	153.8	436.2	1,617	881	2,498
Henrico	241.1	92.5	333.6	2,392	918	3,310
Henry	126.9	85.2	212.1	826	555	1,381
Highland	99.7	190.0	289.7	637	1,213	1,850
Isle of Wight	350.2	183.5	533.7	2,757	1,445	4,202
James City	179.0	122.2	301.2	2,873	1,962	4,835
King and Queen	200.2	155.7	355.9	1,356	1,055	2,411
King George	21.6	130.6	152.2	418	2,526	2,944
King William	162.3	98.7	261.0	1,550	943	2,493

Table 8. - Virginia (cont.)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	Million bd. ft.	Million Bd. ft.	Million bd. ft.	Bd. ft.	Bd. ft.	Bd. ft.
Lancaster	62.2	25.8	88.0	1,089	452	1,541
Lee	6.8	119.6	126.4	55	966	1,021
Loudoun	32.1	172.9	205.0	328	1,764	2,092
Louisa	86.3	135.0	221.3	363	568	931
Lunenburg	156.8	163.8	320.6	783	817	1,600
Madison	41.2	78.9	120.1	524	1,004	1,528
Mathews	135.5	22.0	157.5	4,472	726	5,198
Mecklenburg	243.0	216.1	459.1	1,066	948	2,014
Middlesex	70.8	57.3	128.1	1,356	1,098	2,454
Montgomery	33.2	73.0	106.2	252	555	807
Nansemond	476.5	189.0	665.5	2,727	1,082	3,809
Nelson	22.2	193.0	215.2	113	982	1,095
New Kent	246.2	113.5	359.7	2,383	1,099	3,482
Norfolk	101.1	258.6	359.7	682	1,745	2,427
Northampton	351.1	12.8	363.9	6,514	237	6,751
Northumberland	98.4	62.8	161.2	1,284	820	2,104
Nottoway	110.1	114.4	224.5	833	865	1,698
Orange	54.8	46.0	100.8	426	357	783
Page	28.3	14.5	42.8	360	184	544
Patrick	74.4	142.6	217.0	410	785	1,195
Pittsylvania	339.5	272.3	611.8	953	764	1,717
Powhatan	101.2	92.5	193.7	725	662	1,387
Prince Edward	101.0	108.9	209.9	661	713	1,374
Prince George	105.6	76.4	182.0	884	639	1,523
Prince William	30.9	73.4	104.3	280	666	946
Princess Anne	126.5	98.5	225.0	2,033	1,584	3,617
Pulaski	37.4	65.9	103.3	339	598	937
Rappahannock	8.8	47.3	56.1	183	983	1,166
Richmond	97.9	106.2	204.1	1,284	1,394	2,678
Roanoke	47.5	29.5	77.0	398	248	646
Rockbridge	65.2	155.4	220.6	322	766	1,088
Rockingham	61.0	223.2	284.2	257	940	1,197
Russell	11.3	94.3	105.6	105	876	981
Scott	9.5	152.3	161.8	57	910	967
Shenandoah	48.7	81.3	130.0	309	516	825
Smyth	25.8	74.4	100.2	208	601	809
Southampton	686.2	469.0	1,155.2	2,606	1,781	4,387
Spotsylvania	105.4	94.8	200.2	519	467	986
Stafford	28.0	72.6	100.6	244	632	876
Surry	272.0	111.9	383.9	2,146	882	3,028
Sussex	591.3	238.9	830.2	2,445	988	3,433
Tazewell	16.1	212.9	229.0	96	1,270	1,366
Warren	7.4	19.2	26.6	144	374	518
Warwick	55.3	7.1	62.4	3,813	490	4,303
Washington	25.4	88.7	114.1	199	694	893
Westmoreland	97.5	86.4	183.9	1,166	1,034	2,200
Wise	19.4	207.0	226.4	95	1,012	1,107
Wythe	61.0	60.1	121.1	443	436	879
York	165.6	55.0	220.6	3,380	1,122	4,502
All counties	12,086.1	12,248.1	24,334.2	838	850	1,688

1/Volume on commercial forest land.
2/Included with Fairfax County.

Table 9. - Net volume[1] in cords by county in Virginia, 1940.
(All sound trees 5.0 inches d.b.h. and over, including saw timber)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	M cords	M cords	M cords	Cords	Cords	Cords
Accomac	1,583	293	1,876	18.2	3.4	21.6
Albemarle	644	1,777	2,421	2.4	6.7	9.1
Alleghany	219	729	948	1.0	3.3	4.3
Amelia	836	1,058	1,894	4.9	6.3	11.2
Amherst	432	1,100	1,532	2.2	5.6	7.8
Appomattox	500	864	1,364	3.3	5.8	9.1
Arlington[2]	-	-	-	-	-	-
Augusta	333	1,702	2,035	1.2	5.9	7.1
Bath	282	1,211	1,493	1.3	5.5	6.8
Bedford	643	1,194	1,837	2.8	5.1	7.9
Bland	329	710	1,039	2.1	4.4	6.5
Botetourt	353	965	1,318	1.6	4.3	5.9
Brunswick	2,011	1,246	3,257	8.1	5.1	13.2
Buchanan	91	1,952	2,043	0.3	7.8	8.1
Buckingham	1,029	1,653	2,682	3.7	5.8	9.5
Campbell	828	1,266	2,094	4.1	6.3	10.4
Caroline	1,508	1,741	3,249	6.2	7.1	13.3
Carroll	227	615	842	1.8	5.0	6.8
Charles City	473	681	1,154	5.5	7.8	13.3
Charlotte	772	1,190	1,962	4.2	6.5	10.7
Chesterfield	1,864	1,073	2,937	9.6	5.6	15.2
Clarke	31	167	198	1.4	7.2	8.6
Craig	206	534	740	1.2	3.2	4.4
Culpeper	246	829	1,075	2.3	7.6	9.9
Cumberland	588	584	1,172	4.6	4.6	9.2
Dickenson	110	1,084	1,194	0.7	6.7	7.4
Dinwiddie	1,744	1,383	3,127	7.5	5.9	13.4
Elizabeth City	136	143	279	7.3	7.6	14.9
Essex	468	785	1,253	5.5	9.2	14.7
Fairfax	464	1,411	1,875	2.6	7.9	10.5
Fauquier	282	962	1,244	1.9	6.6	8.5
Floyd	126	477	603	1.6	5.9	7.5
Fluvanna	566	837	1,403	4.3	6.3	10.6
Franklin	673	1,664	2,337	2.4	6.1	8.5
Frederick	162	549	711	1.3	4.2	5.5
Giles	124	444	568	1.1	3.8	4.9
Gloucester	642	670	1,312	7.4	7.8	15.2
Goochland	567	612	1,179	4.4	4.7	9.1
Grayson	130	467	597	1.4	4.8	6.2
Greene	33	211	244	1.0	6.6	7.6
Greensville	1,025	900	1,925	7.7	6.7	14.4
Halifax	1,570	1,412	2,982	6.1	5.5	11.6
Hanover	1,394	1,331	2,725	8.0	7.6	15.6
Henrico	894	660	1,554	8.9	6.5	15.4
Henry	829	748	1,577	5.4	4.9	10.3
Highland	310	1,063	1,373	2.0	6.8	8.8
Isle of Wight	1,297	1,035	2,332	10.2	8.2	18.4
James City	602	732	1,334	9.7	11.7	21.4
King and Queen	1,093	1,105	2,198	7.4	7.5	14.9
King George	107	689	796	2.1	13.3	15.4
King William	765	834	1,599	7.3	8.0	15.3

Table 9. - Virginia (cont.)

County	Total volume			Volume per average acre		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	M cords	M cords	M cords	Cords	Cords	Cords
Lancaster	385	322	707	6.8	5.6	12.4
Lee	35	592	627	0.3	4.8	5.1
Loudoun	169	838	1,007	1.7	8.6	10.3
Louisa	879	1,513	2,392	3.7	6.4	10.1
Lunenburg	1,099	1,339	2,438	5.5	6.7	12.2
Madison	248	512	760	3.2	6.5	9.7
Mathews	536	153	689	17.7	5.0	22.7
Mecklenburg	1,429	1,540	2,969	6.3	6.7	13.0
Middlesex	394	391	785	7.5	7.5	15.0
Montgomery	202	666	868	1.5	5.1	6.6
Nansemond	1,722	1,085	2,807	9.9	6.2	16.1
Nelson	185	1,202	1,387	1.0	6.1	7.1
New Kent	891	790	1,681	8.6	7.7	16.3
Norfolk	321	1,160	1,481	2.2	7.8	10.0
Northampton	1,231	90	1,321	22.8	1.7	24.5
Northumberland	468	553	1,021	6.1	7.2	13.3
Nottoway	697	890	1,587	5.3	6.7	12.0
Orange	349	729	1,078	2.7	5.7	8.4
Page	161	268	429	2.1	3.4	5.5
Patrick	369	1,120	1,489	2.0	6.2	8.2
Pittsylvania	2,017	1,873	3,890	5.7	5.2	10.9
Powhatan	727	793	1,520	5.2	5.7	10.9
Prince Edward	694	875	1,569	4.6	5.7	10.3
Prince George	528	741	1,269	4.4	6.2	10.6
Prince William	261	785	1,046	2.4	7.1	9.5
Princess Anne	422	533	955	6.8	8.6	15.4
Pulaski	210	383	593	1.9	3.5	5.4
Rappahannock	50	277	327	1.0	5.8	6.8
Richmond	451	685	1,136	5.9	9.0	14.9
Roanoke	255	264	519	2.2	2.2	4.4
Rockbridge	319	1,142	1,461	1.6	5.6	7.2
Rockingham	342	1,365	1,707	1.4	5.8	7.2
Russell	44	551	595	0.4	5.1	5.5
Scott	61	848	909	0.3	5.1	5.4
Shenandoah	293	892	1,185	1.9	5.6	7.5
Smyth	109	508	617	0.9	4.1	5.0
Southampton	2,702	2,447	5,149	10.3	9.3	19.6
Spotsylvania	722	1,396	2,118	3.5	6.9	10.4
Stafford	308	837	1,145	2.7	7.3	10.0
Surry	1,234	780	2,014	9.7	6.2	15.9
Sussex	2,389	1,461	3,850	9.9	6.0	15.9
Tazewell	53	992	1,045	0.3	5.9	6.2
Warren	47	266	313	0.9	5.2	6.1
Warwick	173	65	238	11.9	4.5	16.4
Washington	159	608	767	1.2	4.8	6.0
Westmoreland	438	688	1,126	5.3	8.2	13.5
Wise	59	1,199	1,258	0.3	5.8	6.1
Wythe	299	441	740	2.2	3.2	5.4
York	538	348	886	11.0	7.1	18.1
All counties	59,815	87,138	146,953	4.2	6.0	10.2

1/Volume on commercial forest land.
2/Included with Fairfax County.

Forest Survey Reports
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Forest Survey Releases

No. 1 - Forest Resources of the Northern Coastal Plain of South Carolina. July 15, 1939

No. 2 - Forest Resources of the Piedmont Region of South Carolina. September 1, 1939

No. 3 - Forest Resources of the Southern Coastal Plain of South Carolina. December 1, 1939

No. 4 - Forest Resources of the Southern Coastal Plain of North Carolina. April 1, 1940

No. 5 - Forest Resources of the Northern Coastal Plain of North Carolina. June 15, 1940

No. 6 - Forest Resources of the Piedmont Region of North Carolina. November 15, 1940

No. 7 - Forest Resources of the Mountain Region of North Carolina. April 1, 1941

No. 8 - The Distribution of Commercial Forest Trees in North Carolina. May 15, 1941

No. 9 - The Distribution of Commercial Forest Trees in South Carolina. May 15, 1941

No. 10 - The Distribution of Commercial Forest Trees in Virginia. September 15, 1942

No. 11 - Virginia's Forests. November 1, 1942

No. 12 - The Forest Situation in the Coastal Plain of Virginia. April 1, 1943

No. 13 - The Forest Situation in Piedmont Virginia. May 15, 1943

No. 14 - Preliminary Estimate of 1942 Lumber Production in the Carolinas, Virginia, West Virginia, Kentucky, and Tennessee. November 1, 1943

No. 15 - The Forest Situation in the Mountain Region of Virginia. December 15, 1943

No. 16 - Wartime Lumber Production in the Appalachian Hardwood Region, January 1942-June 1944. November 15, 1944

No. 17 - Wood Waste Available for Conversion to Ethyl Alcohol in the Columbia Area of South Carolina. December 15, 1944

No. 18 - North Carolina Forest Growth and Drain, 1937-1943. January 31, 1945

Miscellaneous Publications

No. 533 - North Carolina Forest Resources and Industries. January 1944

No. 552 - South Carolina Forest Resources and Industries. November 1944